



SEQUENCE LISTING

<110> LEUNG, SHUI-ON

<120> MULTIVALENT TARGET BINDING PROTEIN

<130> 018733-1053

<140> 09/911,610

<141> 2001-07-25

<150> 60/220,782

<151> 2000-07-25

<160> 27

<170> PatentIn Ver. 2.1

<210> 1

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide linker

<400> 1

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Pro | Lys | Ser | Ala | Asp | Lys | Thr | His | Thr | Cys | Pro | Pro | Cys | Pro | Gly |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Gly Gly Ser

<210> 2

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide linker

<400> 2

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Glu | Pro | Lys | Ser | Cys | Asp | Lys | Thr | His | Thr | Cys | Pro | Pro | Cys | Pro | Gly |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

Gly Gly Ser

<210> 3

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide linker

<400> 3
 Gly Gly Gly Ser
 1

<210> 4
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide linker

<400> 4
 Glu Pro Lys Ser Cys Gly Gly Gly Ser
 1 5

<210> 5
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide linker

<400> 5
 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
 1 5 10 15

<210> 6
 <211> 53
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<220>
 <221> CDS
 <222> (12)..(53)

<400> 6
 tctctgcaga g ccc aaa tct tgt ggt ggc ggt tca cag ctg gtt gtg act 50
 Pro Lys Ser Cys Gly Gly Gly Ser Gln Leu Val Val Thr
 1 5 10

cag 53
 Gln

<210> 7
 <211> 14
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 7

Pro Lys Ser Cys Gly Gly Gly Ser Gln Leu Val Val Thr Gln
1 5 10

<210> 8

<211> 49

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<220>

<221> CDS

<222> (2)..(49)

<400> 8

a gcc tcc gcc tcc tga tcc gcc acc tcc taa gat ctt cag ttt 43
Gly Gly Gly Gly Ser Gly Gly Gly Gly Leu Ile Lys Leu Lys
1 5 10

ggt tcc

Thr Gly

15

49

<210> 9

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 9

Gly Gly Gly Gly Ser Gly Gly Gly Gly Leu Ile Lys Leu Lys
1 5 10

Thr Gly

15

<210> 10

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 10
 Thr Lys Leu Lys Ile Leu
 1 5

<210> 11
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<220>
 <221> CDS
 <222> (1)..(36)

<400> 11
 cc gga ggc ggt ggg agt gag gtg aaa ctg cag gag t
 Ser Gly Gly Gly Ser Glu Val Lys Leu Gln Glu
 1 5 10

36

<210> 12
 <211> 12
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 12
 Ser Gly Gly Gly Gly Ser Glu Val Lys Leu Gln Glu
 1 5 10

<210> 13
 <211> 44
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<220>
 <221> CDS
 <222> (27)..(44)

<400> 13
 aaccttgagc tcggccgtcg cactca tga gga gac ggt gac cgt
 Ser Ser Val Thr Val Thr
 1 5

44

<210> 14
 <211> 6
 <212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide linker

<400> 14

Ser Ser Val Thr Val Thr
1 5

<210> 15

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide linker

<400> 15

Pro Lys Ser Cys
1

<210> 16

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: HNB linker

<400> 16

agcttgccgc cgc

13

<210> 17

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: HNB linker

<400> 17

gatcgccgcc gca

13

<210> 18

<211> 62

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: CKSB linker

<220>
 <221> CDS
 <222> (1)..(62)

<400> 18
 ga tcc gcc acc aga ttt ggg ctc aca ctc tcc cct gtt gaa gct ctt 47
 Ser Gly Gly Gly Ser Lys Pro Glu Cys Glu Gly Arg Asn Phe Ser Lys
 1 5 10 15
 tgt gac ggg cga gct 62
 Thr Val Pro Ser
 20

<210> 19
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: CKSB amino acid
 sequence

<400> 19
 Ser Gly Gly Gly Ser Lys Pro Glu Cys Glu Gly Arg Asn Phe Ser Lys
 1 5 10 15
 Thr Val Pro Ser
 20

<210> 20
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<220>
 <221> CDS
 <222> (7)..(27)

<400> 20
 tctaga tct cag ctg gtt gtg act cag 27
 Ser Gln Leu Val Val Thr Gln
 1 5

<210> 21
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 21
 Ser Gln Leu Val Val Thr Gln
 1 5

<210> 22
 <211> 45
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<220>
 <221> CDS
 <222> (28)..(45)

<400> 22
 aacccttgtc gacggccgctc gcactca tga gga gac ggt gac cgt
 Ser Ser Val Thr Val Thr
 1 5

45

<210> 23
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 23
 Ser Ser Val Thr Val Thr
 1 5

<210> 24
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide linker

<400> 24
 Gln Leu Val Val Thr Gln
 1 5

<210> 25
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide linker

<400> 25
Gly Gly Gly Gly Ser Gly Gly Gly Gly
1 5

<210> 26
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide linker

<400> 26
Ser Gly Gly Gly Gly Ser
1 5

<210> 27
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide linker

<400> 27
Glu Val Lys Leu Gln Glu
1 5